

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094312.D
 Acq On : 12 Oct 2017 12:49
 Operator : SJ/JU
 Sample : I5530-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 22:40:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1460	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	8341	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	8324	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7094	0.40	ng	0.03
27) Chrysene-d12	21.43	240	8272	0.40	ng	0.02
34) Perylene-d12	23.96	264	8166	0.40	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	827649	170.11	ng	0.01
5) Phenol-d6	7.11	99	1231958	174.66	ng	0.03
8) Nitrobenzene-d5	9.08	82	797899	114.89	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2314	0.18	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	323710	89.46	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	1291630	45.30	ng	0.03
25) Fluoranthene-d10	19.34	212	1579	0.02	ng	0.07
29) Terphenyl-d14	19.87	244	1337646	85.63	ng	0.02

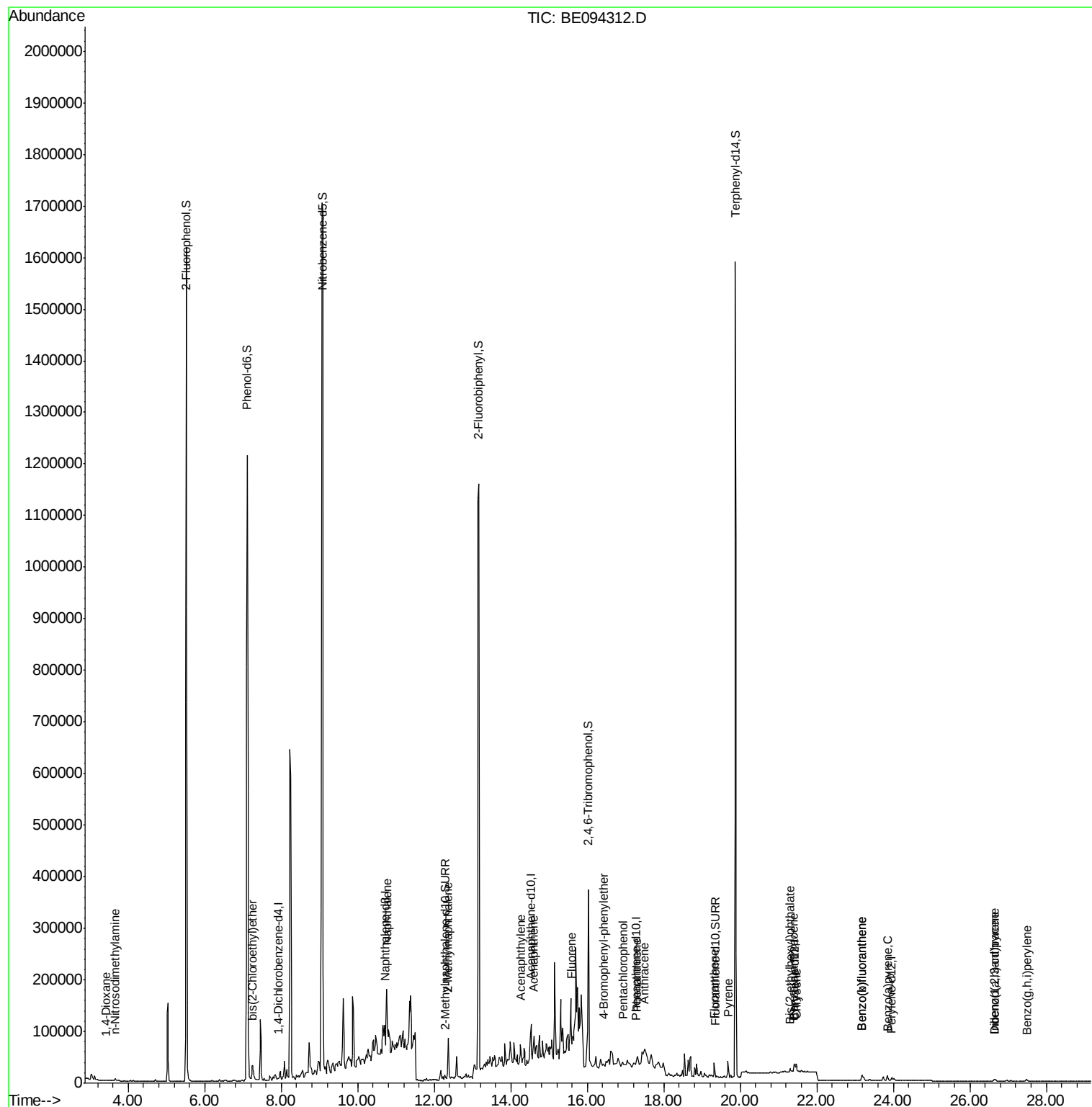
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	109	0.041	ng	# 16
3) n-Nitrosodimethylamine	3.66	42	1136	0.400	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	73797	12.890	ng	# 1
9) Naphthalene	10.76	128	201942	2.150	ng	99
12) 2-Methylnaphthalene	12.36	142	53914	3.494	ng	98
16) Acenaphthylene	14.26	152	15870	0.376	ng	# 1
17) Acenaphthene	14.60	154	12154	0.437	ng	# 74
18) Fluorene	15.58	166	16935	0.464	ng	# 1
20) 4-Bromophenyl-phenylether	16.42	248	1516	0.371	ng	# 1
22) Pentachlorophenol	16.94	266	338	0.340	ng	# 24
23) Phenanthrene	17.30	178	48014	1.953	ng	# 82
24) Anthracene	17.50	178	61620	3.287	ng	# 1
26) Fluoranthene	19.32	202	26420	1.225	ng	# 95
28) Pyrene	19.68	202	31040	1.091	ng	# 81
30) Benzo(a)anthracene	21.40	228	16649	0.613	ng	# 75
31) Chrysene	21.46	228	16219	0.605	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.30	149	7765	0.124	ng	# 89
33) Indeno(1,2,3-cd)pyrene	26.64	276	8157	0.306	ng	94
35) Benzo(b)fluoranthene	23.18	252	20798	0.757	ng	# 72
36) Benzo(k)fluoranthene	23.18	252	20798	0.745	ng	# 74
37) Benzo(a)pyrene	23.84	252	14206	0.547	ng	# 68
38) Dibenzo(a,h)anthracene	26.65	278	2147	0.089	ng	# 1
39) Benzo(g,h,i)perylene	27.48	276	7644	0.311	ng	# 68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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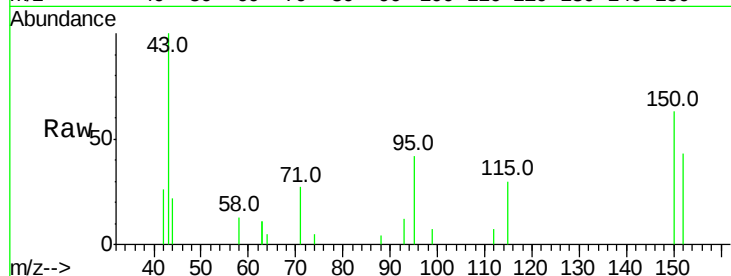


#1

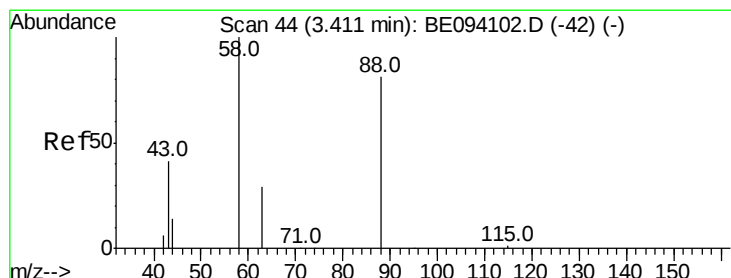
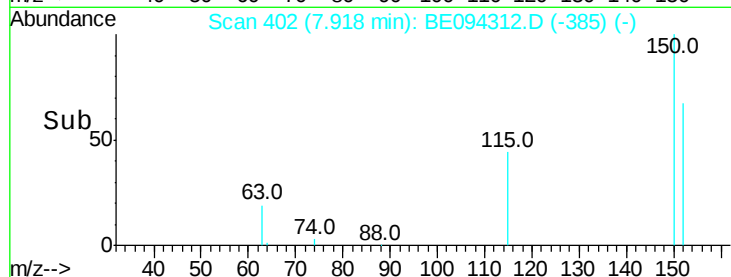
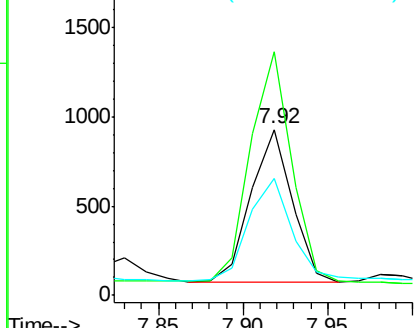
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1460
 Ion Ratio Lower Upper
 152 100
 150 147.1 117.2 175.8
 115 70.3 57.0 85.6



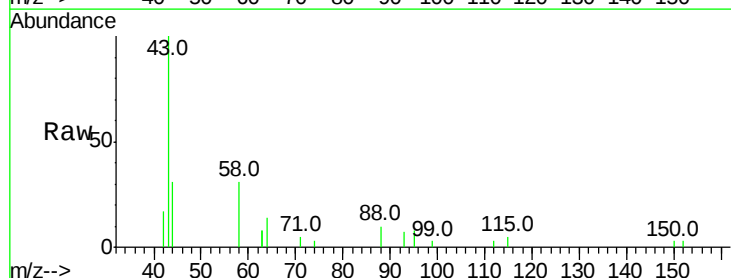
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



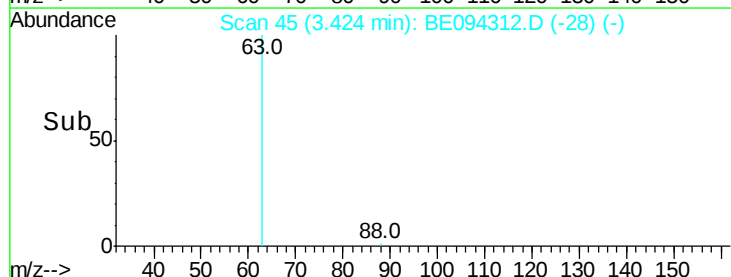
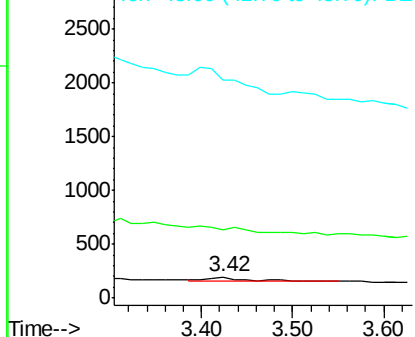
#2

1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.42 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Tgt Ion: 88 Resp: 109
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.2 94.8#
 43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



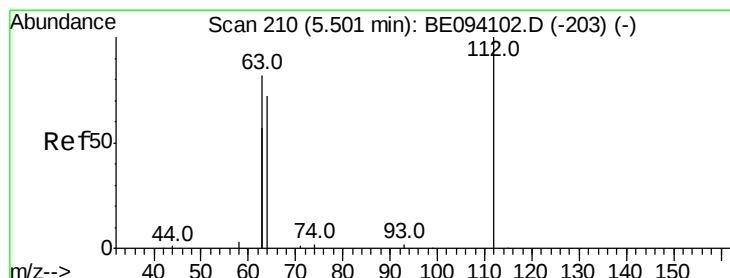
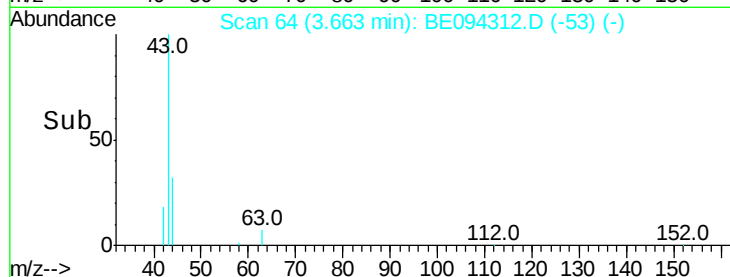
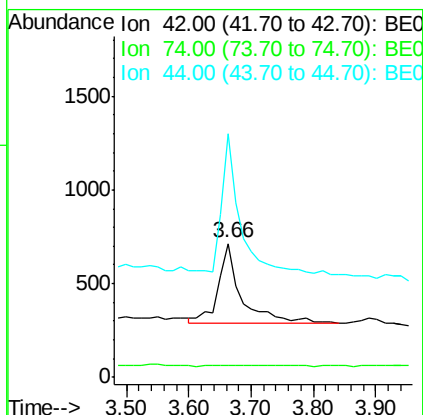
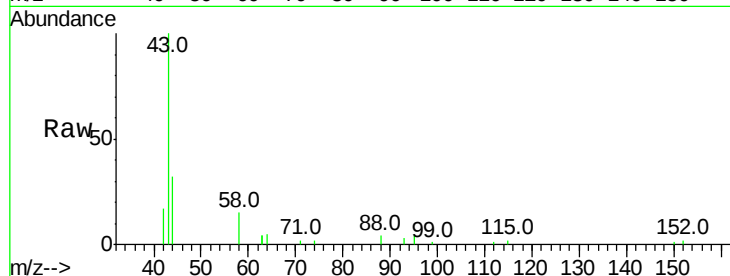


#3

n-Nitrosodimethylamine
 Concen: 0.400 ng
 RT: 3.66 min Scan# 64
 Delta R.T. -0.06 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Instrument :
 BNA_E
 ClientSampleId :

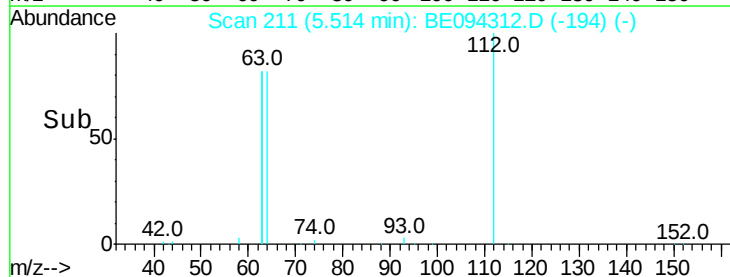
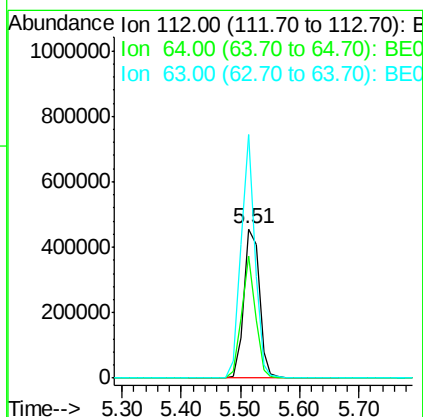
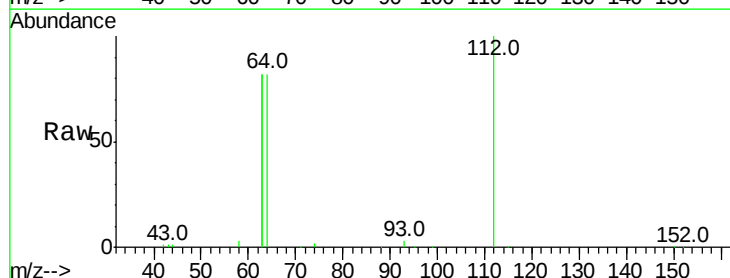
Tot Ion: 42 Resp: 1136
 Ion Ratio Lower Upper
 42 100
 74 1.8 100.3 150.5#
 44 152.0 17.0 25.4#



#4

2-Fluorophenol
 Concen: 170.111 ng
 RT: 5.51 min Scan# 211
 Delta R.T. 0.01 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Tgt Ion: 112 Resp: 827649
 Ion Ratio Lower Upper
 112 100
 64 71.9 60.1 90.1
 63 143.6 116.8 175.2





#5

Phenol-d6

Concen: 174.662 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.03 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

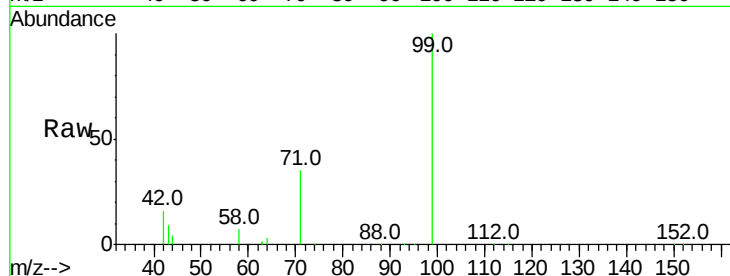
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1231958

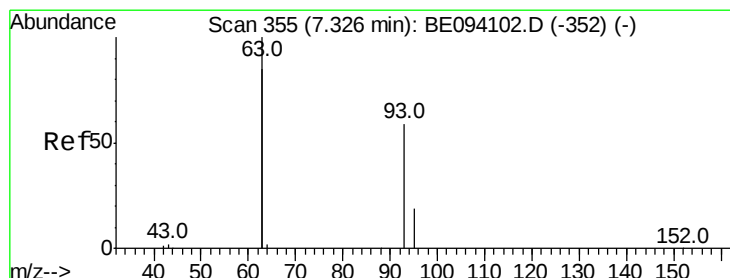
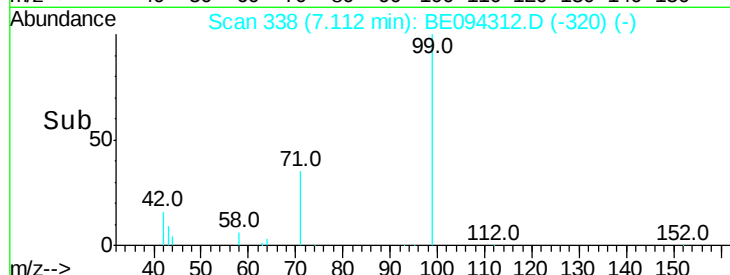
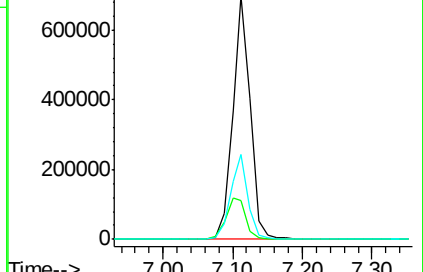
Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.2	30.2#
71	34.6	28.4	42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 12.890 ng

RT: 7.25 min Scan# 349

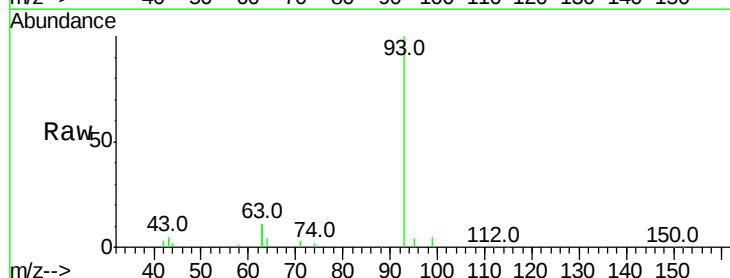
Delta R.T. -0.08 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Tgt Ion: 93 Resp: 73797

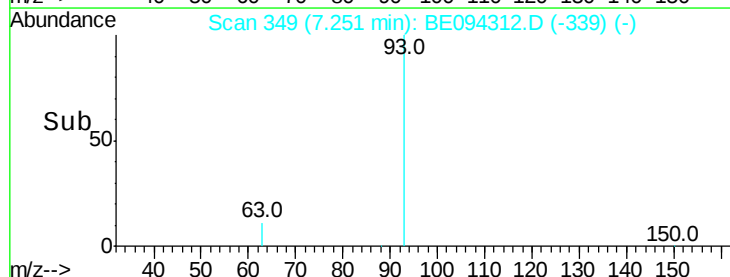
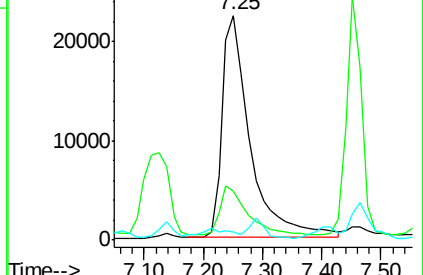
Ion	Ratio	Lower	Upper
93	100		
63	21.3	275.3	412.9#
95	0.0	25.2	37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 8341

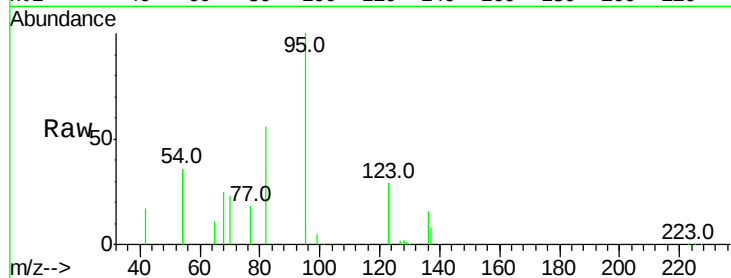
Ion Ratio Lower Upper

136 100

137 49.0 9.5 14.3#

54 455.9 29.1 43.7#

68 157.9 6.2 9.2#



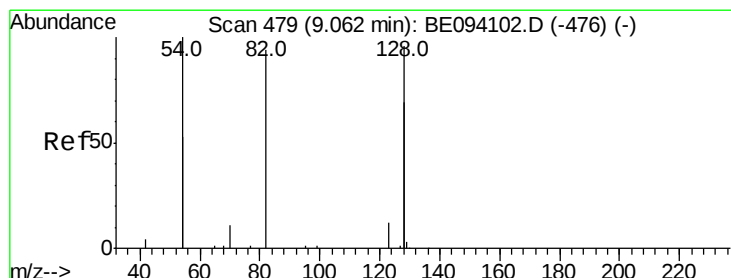
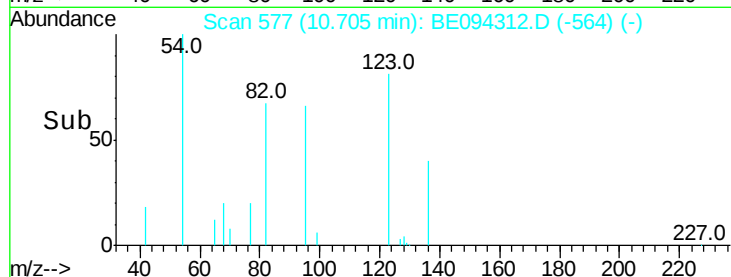
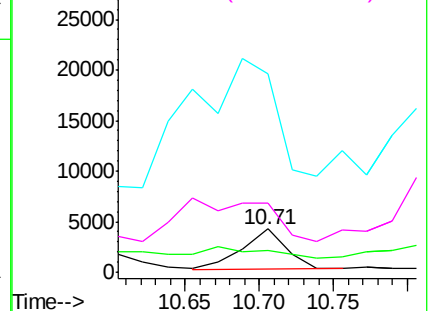
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 114.895 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

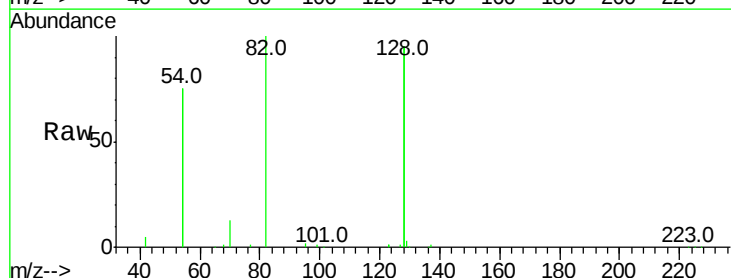
Tgt Ion: 82 Resp: 797899

Ion Ratio Lower Upper

82 100

128 189.4 150.0 225.0

54 150.2 154.2 231.4#

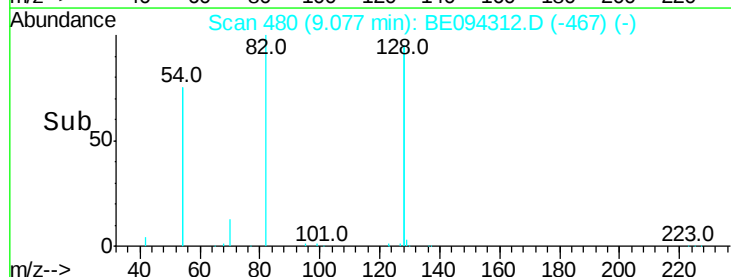
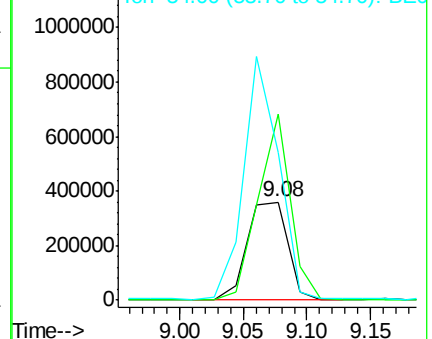


Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 2.150 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampled :

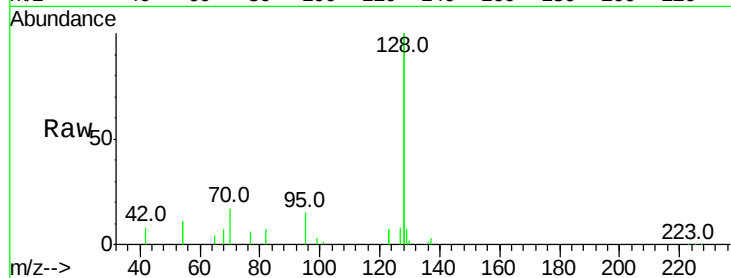
Tot Ion:128 Resp: 201942

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

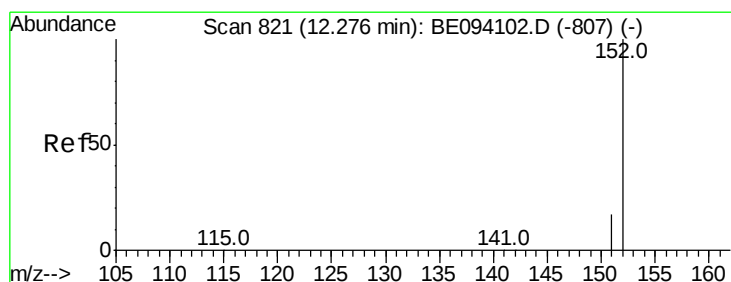
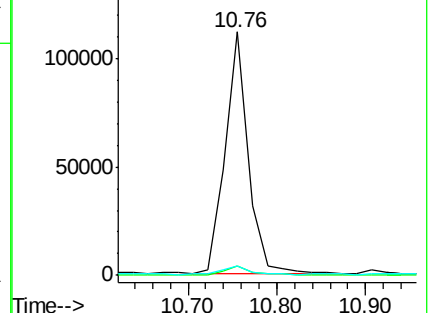
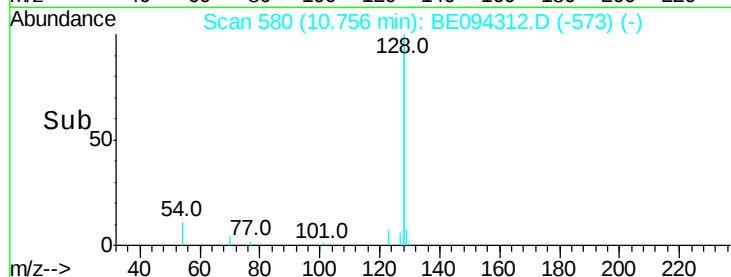
127 3.9 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.180 ng

RT: 12.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE094312.D

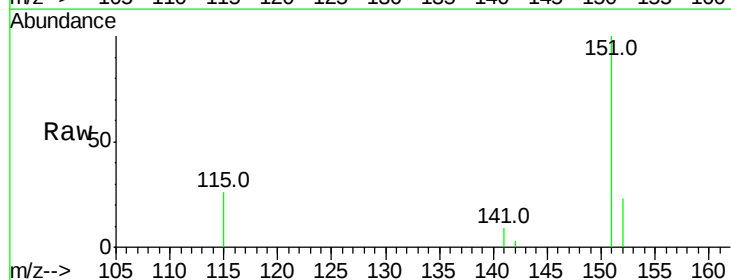
Acq: 12 Oct 2017 12:49

Tgt Ion:152 Resp: 2314

Ion Ratio Lower Upper

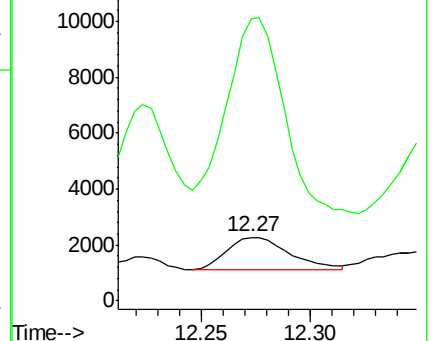
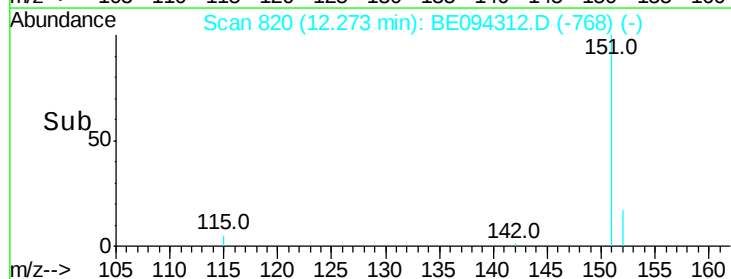
152 100

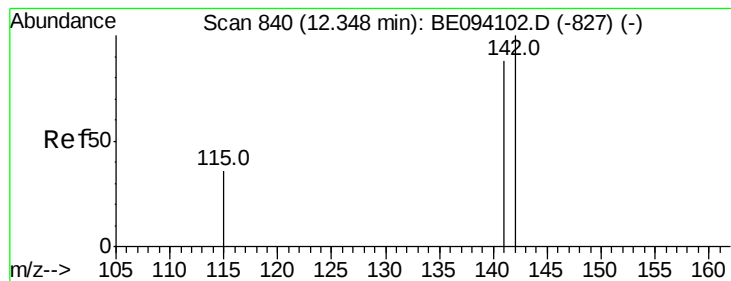
151 544.7 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 3.494 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

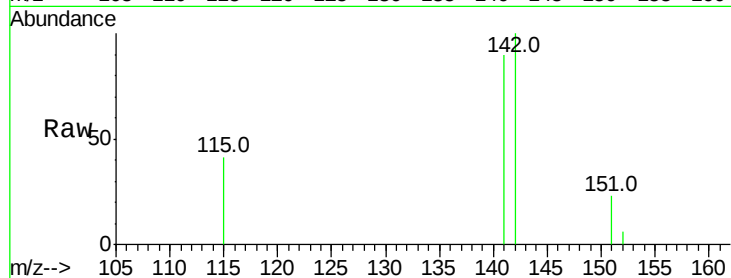
Tot Ion:142 Resp: 53914

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

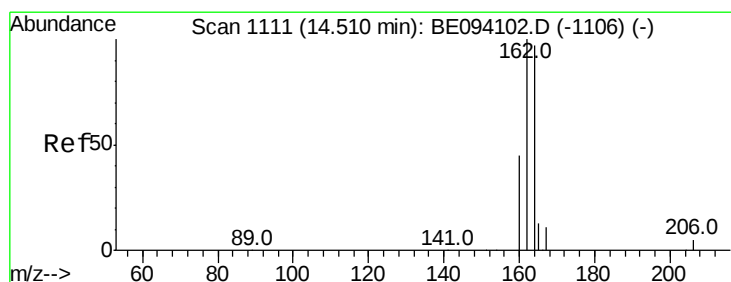
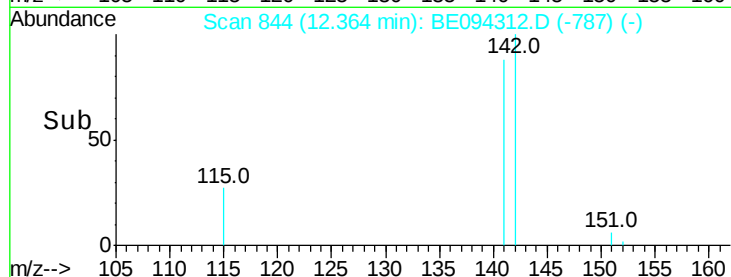
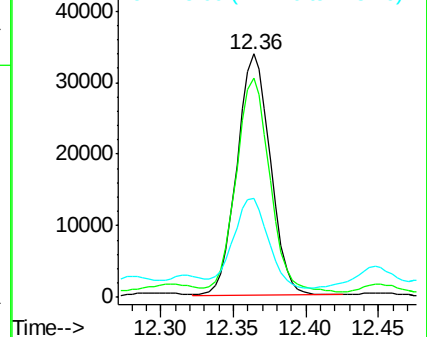
115 40.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

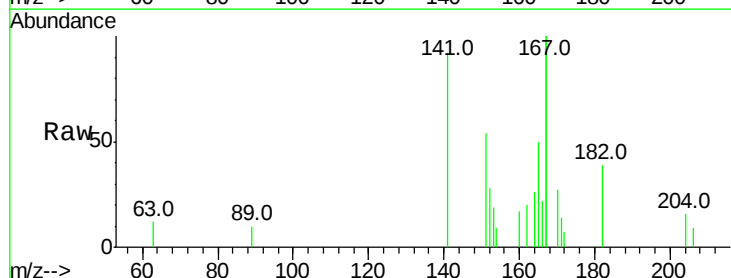
Tgt Ion:164 Resp: 8324

Ion Ratio Lower Upper

164 100

162 78.6 83.1 124.7#

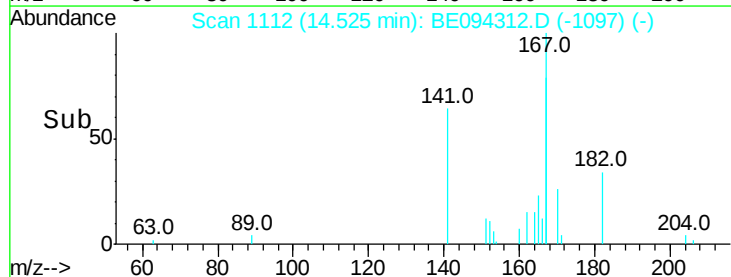
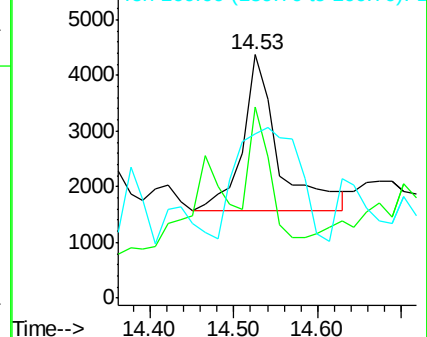
160 67.6 37.1 55.7#

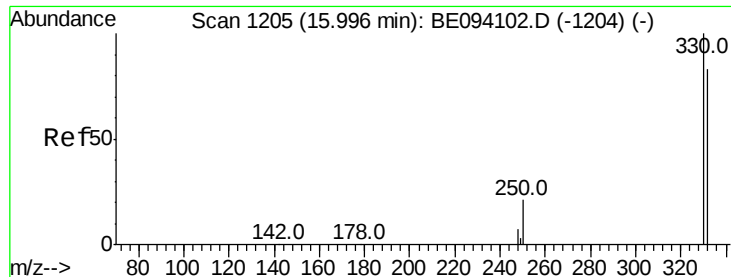


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

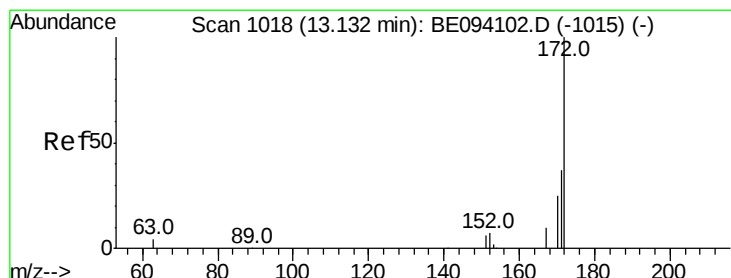
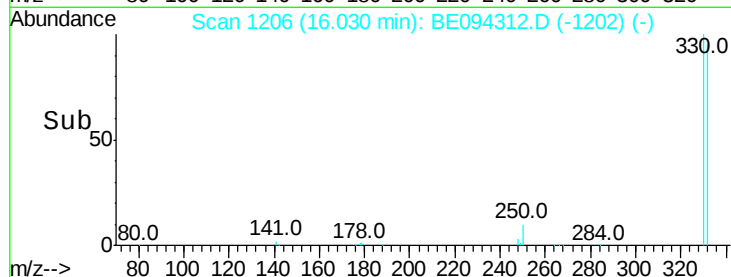
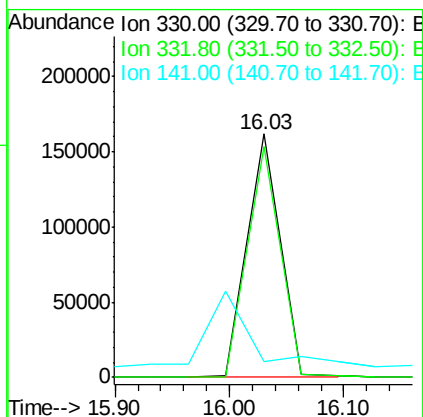
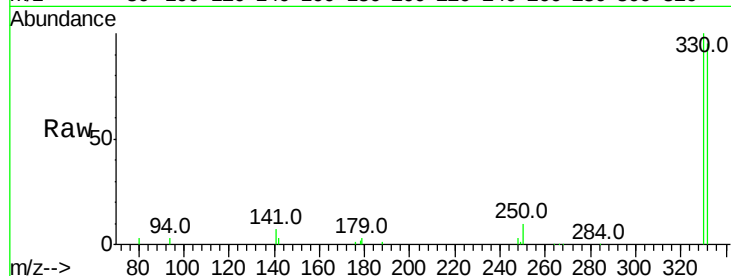




#14
 2,4,6-Tribromophenol
 Concen: 89.456 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

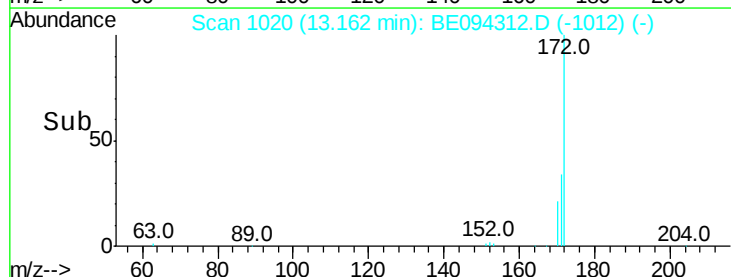
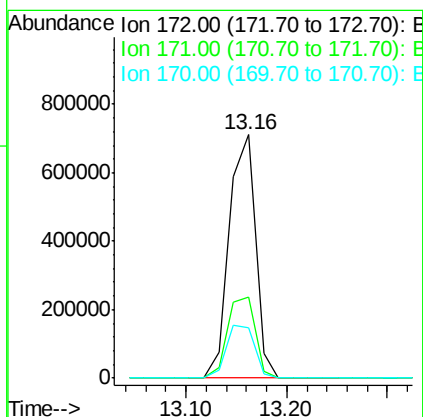
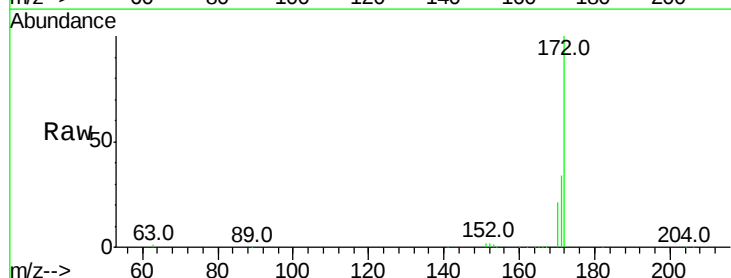
Instrument :
 BNA_E
 ClientSampled :

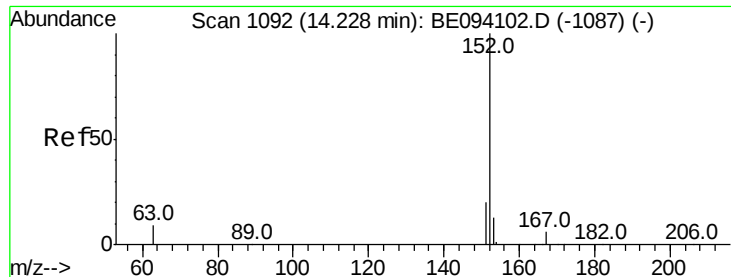
Tot Ion:330 Resp: 323710
 Ion Ratio Lower Upper
 330 100
 332 94.8 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 45.296 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. 0.03 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Tgt Ion:172 Resp: 1291630
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.9 44.9
 170 20.8 21.8 32.8#





#16

Acenaphthylene

Concen: 0.376 ng

RT: 14.26 min Scan# 1094

Delta R.T. 0.03 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

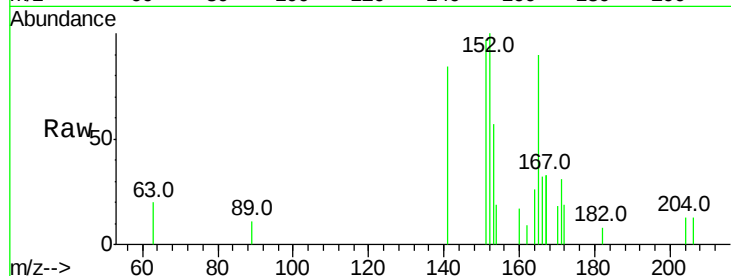
Tot Ion:152 Resp: 15870

Ion Ratio Lower Upper

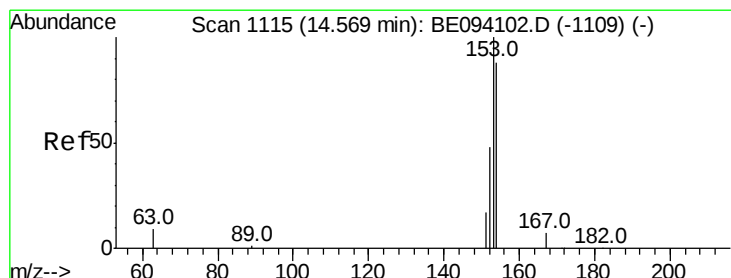
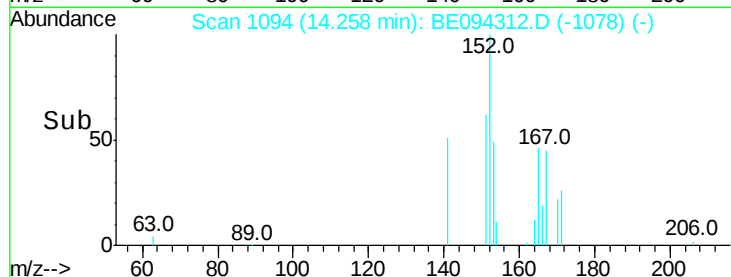
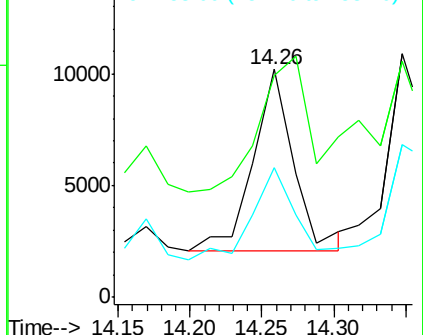
152 100

151 113.0 15.7 23.5#

153 55.4 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.437 ng

RT: 14.60 min Scan# 1117

Delta R.T. 0.03 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

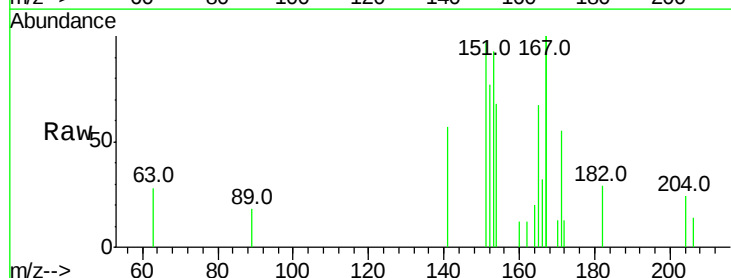
Tgt Ion:154 Resp: 12154

Ion Ratio Lower Upper

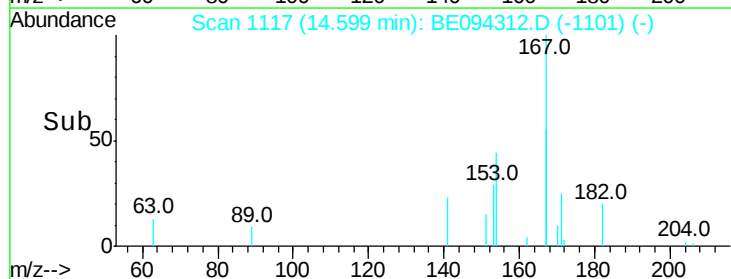
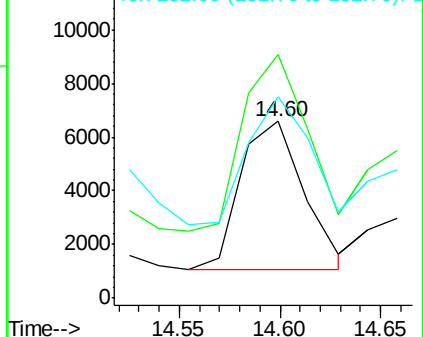
154 100

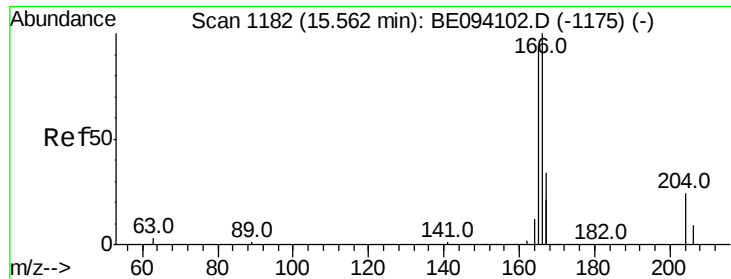
153 120.4 89.2 133.8

152 97.6 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.464 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampled :

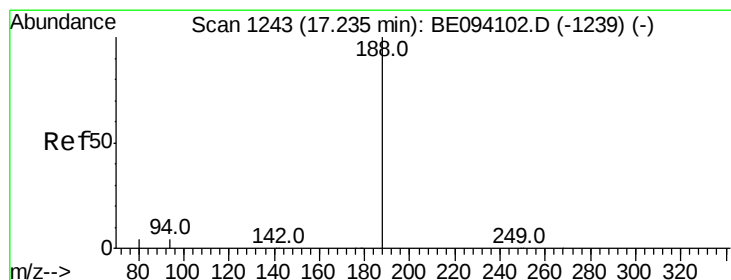
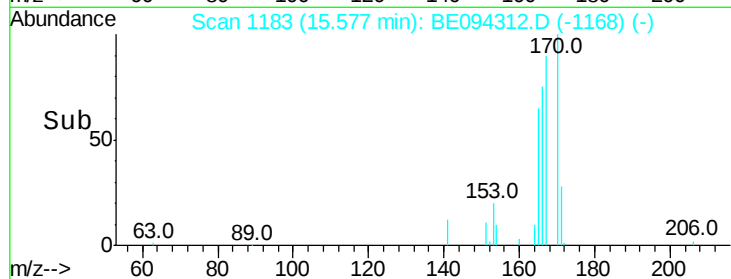
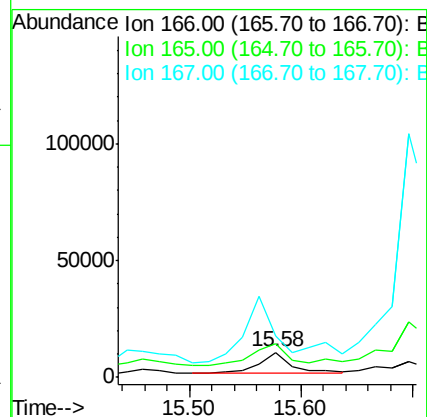
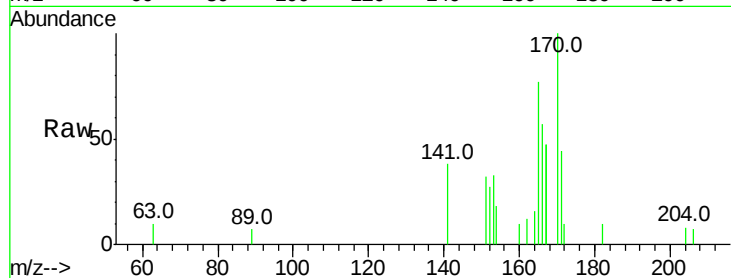
Tot Ion:166 Resp: 16935

Ion Ratio Lower Upper

166 100

165 117.8 77.8 116.6#

167 349.3 42.4 63.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

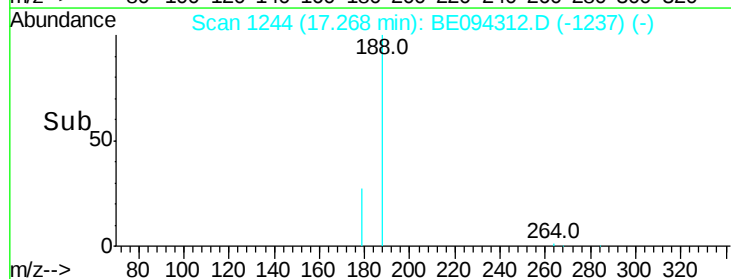
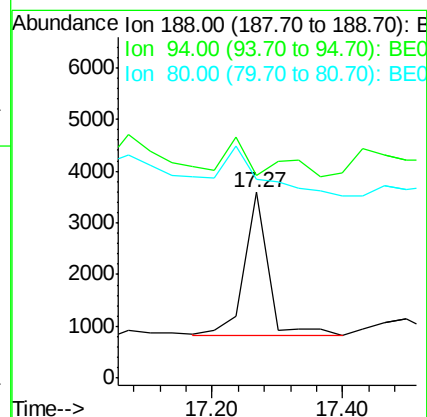
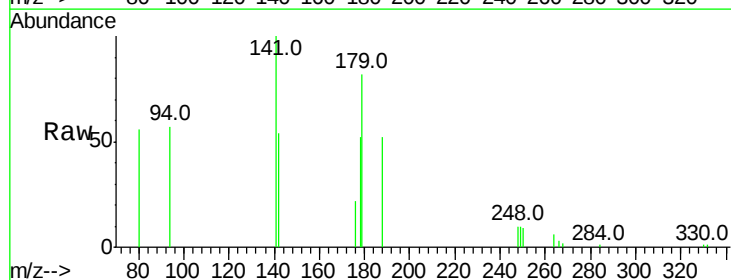
Tgt Ion:188 Resp: 7094

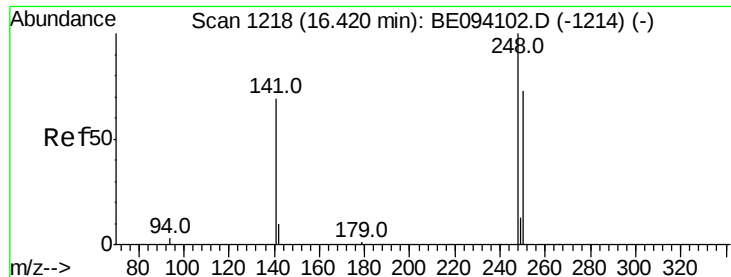
Ion Ratio Lower Upper

188 100

94 109.1 3.9 5.9#

80 106.9 3.6 5.4#

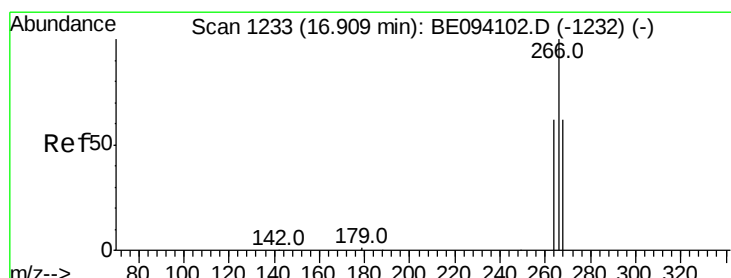
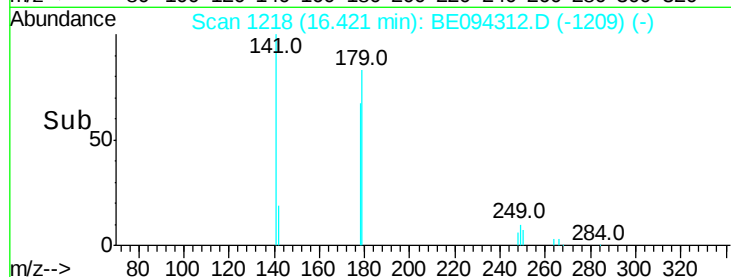
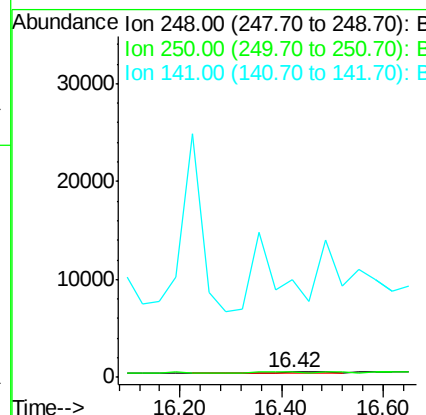
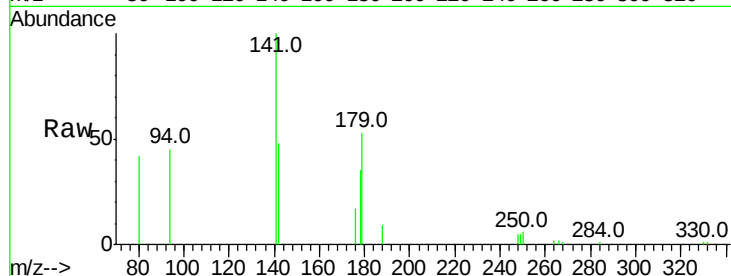




#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

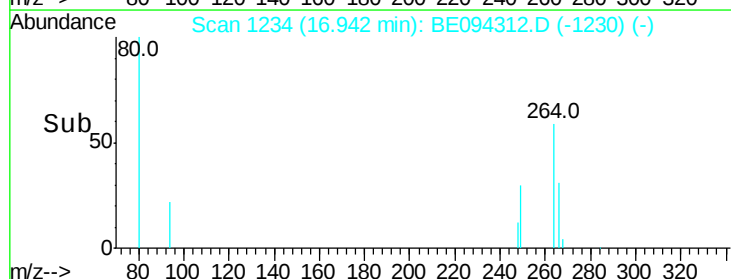
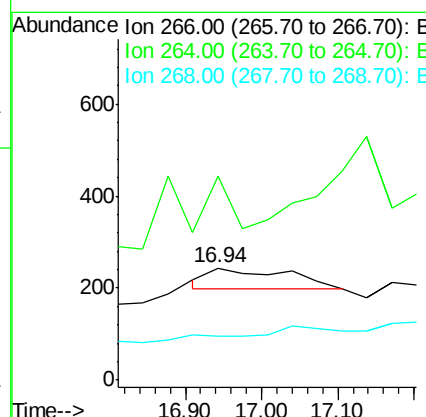
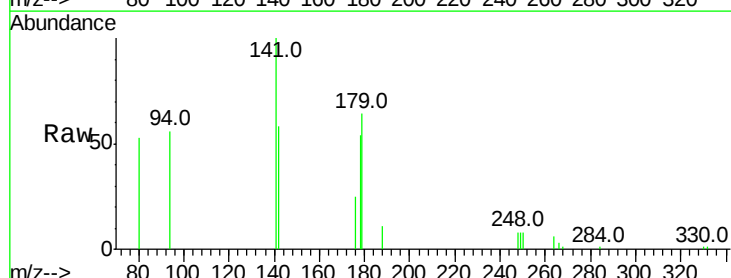
Instrument :
BNA_E
ClientSampleId :

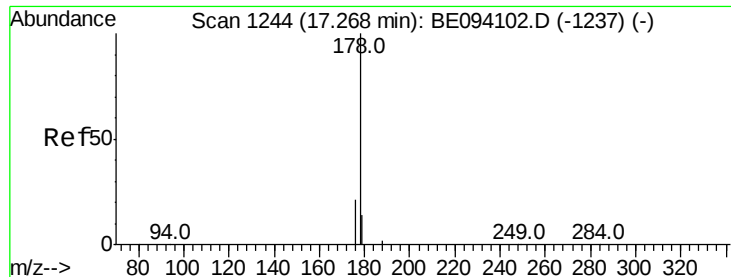
Tot Ion:248 Resp: 1516
Ion Ratio Lower Upper
248 100
250 105.2 62.7 94.1#
141 1854.7 48.2 72.2#



#22
Pentachlorophenol
Concen: 0.340 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:266 Resp: 338
Ion Ratio Lower Upper
266 100
264 181.6 72.5 108.7#
268 39.3 73.8 110.6#





#23

Phenanthrene

Concen: 1.953 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.03 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

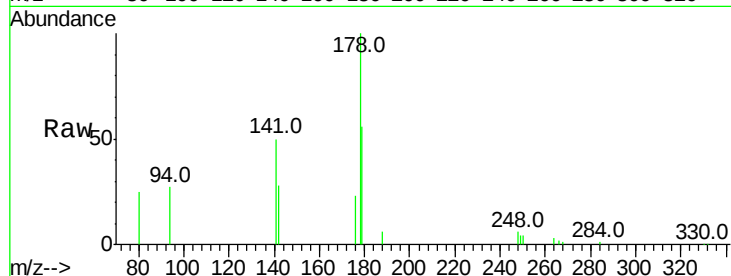
Tot Ion:178 Resp: 48014

Ion Ratio Lower Upper

178 100

176 16.7 15.1 22.7

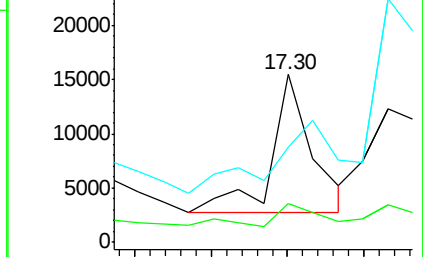
179 0.0 11.8 17.6#



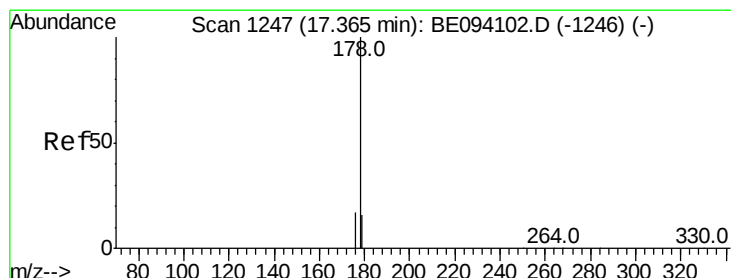
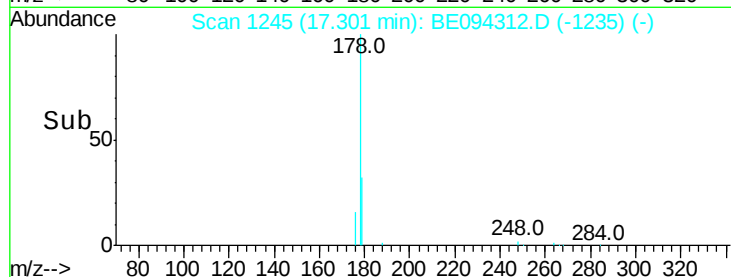
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 3.287 ng

RT: 17.50 min Scan# 1251

Delta R.T. 0.13 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

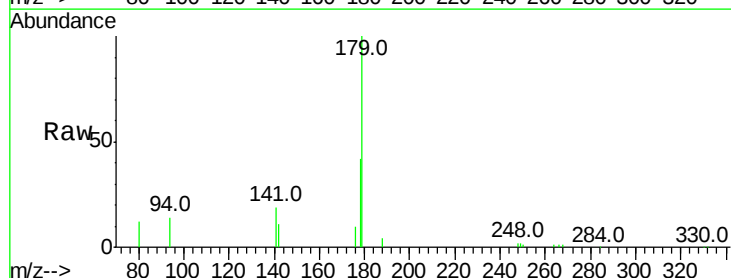
Tgt Ion:178 Resp: 61620

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

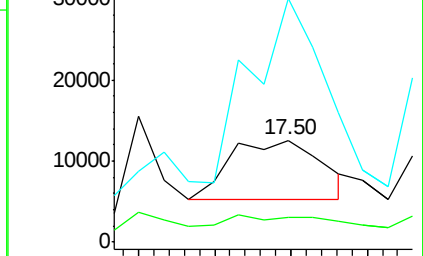
179 354.9 13.0 19.6#



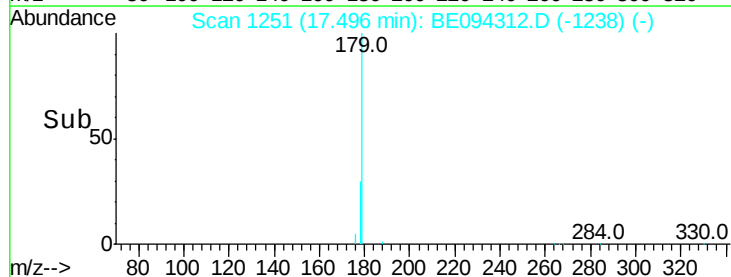
Abundance Ion 178.00 (177.70 to 178.70): E

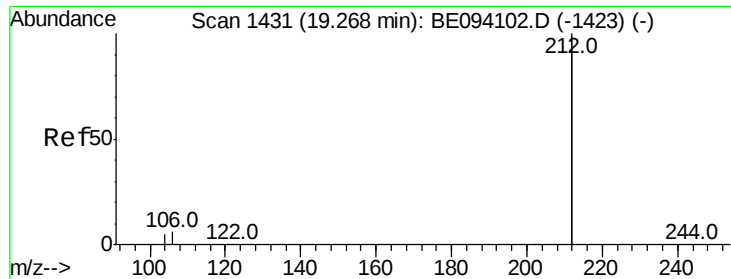
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.022 ng

RT: 19.34 min Scan# 1441

Delta R.T. 0.07 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

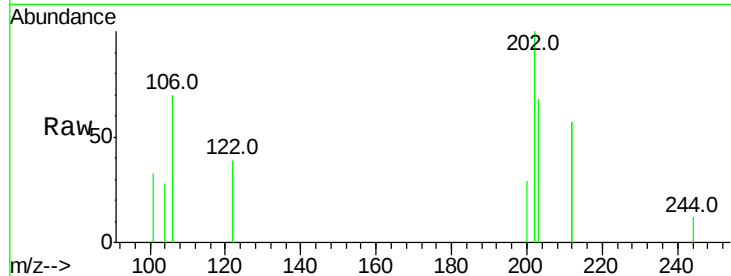
Tot Ion:212 Resp: 1579

Ion Ratio Lower Upper

212 100

106 83.5 2.8 4.2#

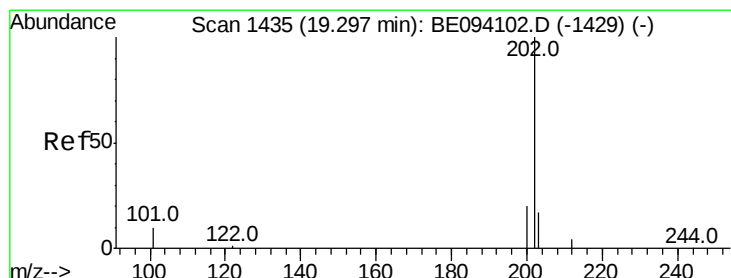
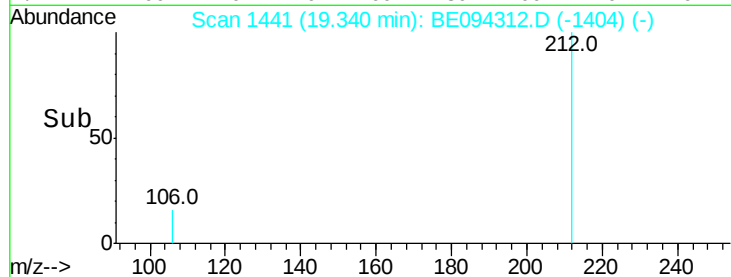
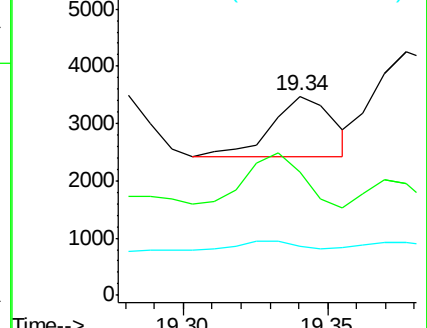
104 16.0 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.225 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

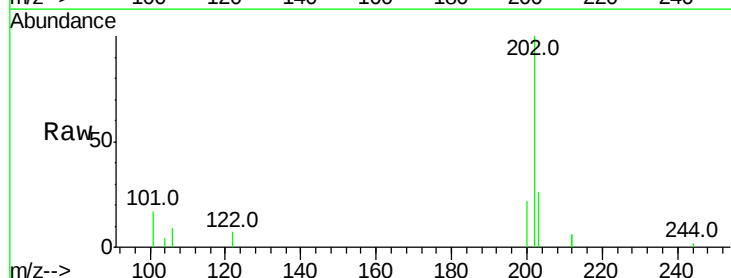
Tgt Ion:202 Resp: 26420

Ion Ratio Lower Upper

202 100

101 15.3 9.8 14.8#

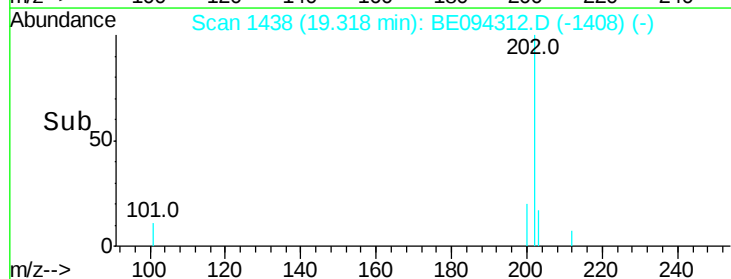
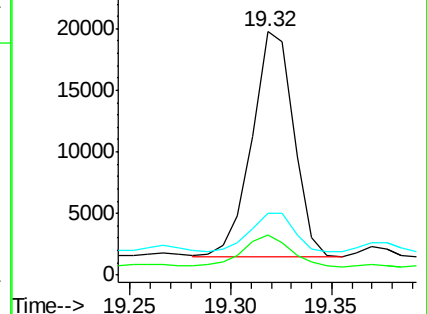
203 18.3 13.7 20.5

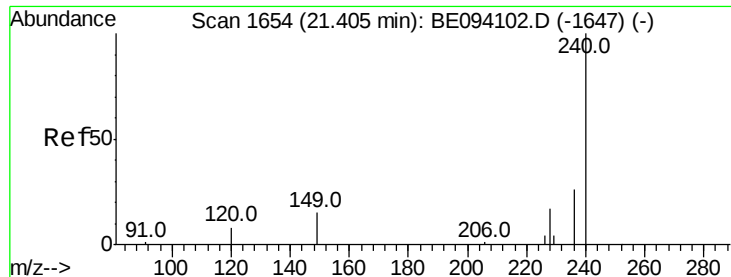


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

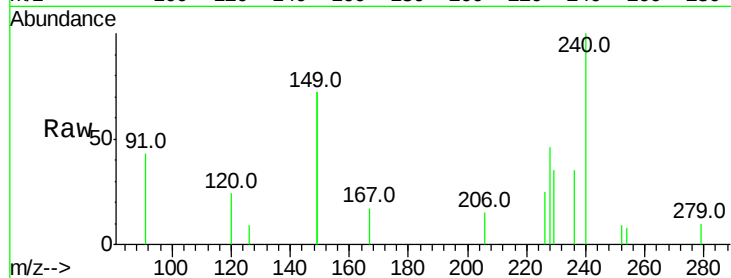
Tot Ion:240 Resp: 8272

Ion Ratio Lower Upper

240 100

120 24.2 5.5 8.3#

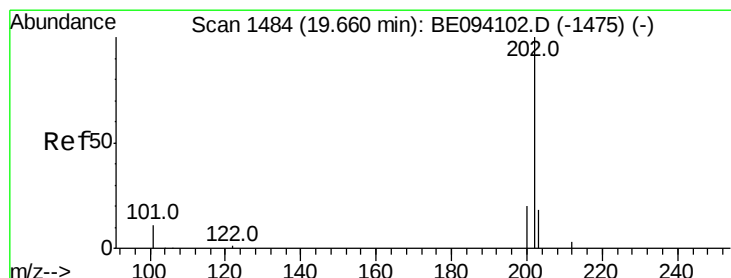
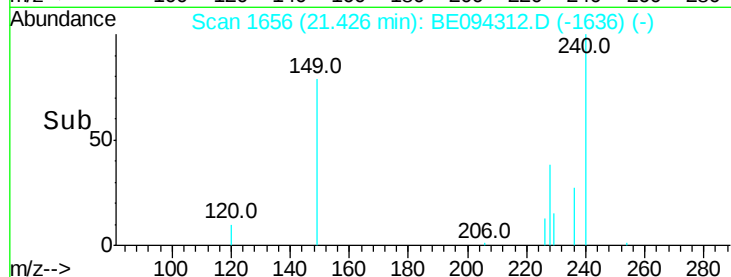
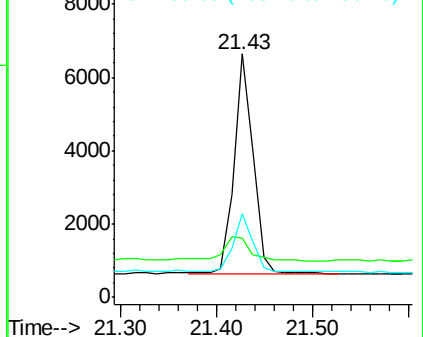
236 34.5 20.7 31.1#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.091 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

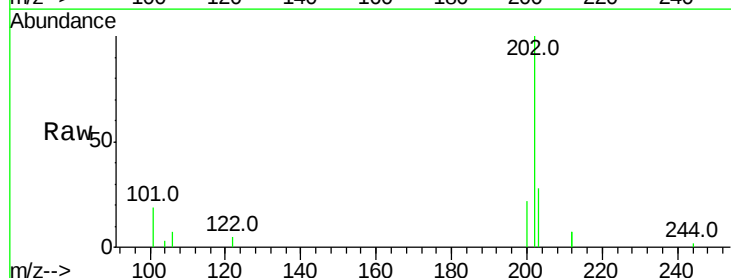
Tgt Ion:202 Resp: 31040

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

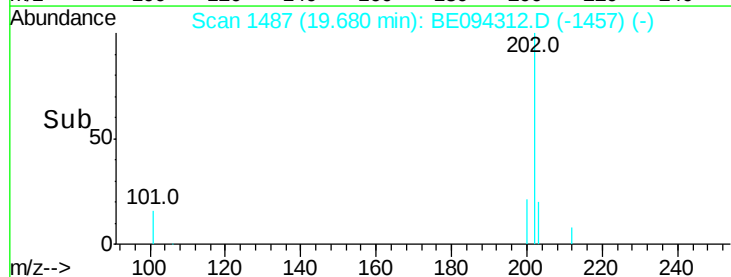
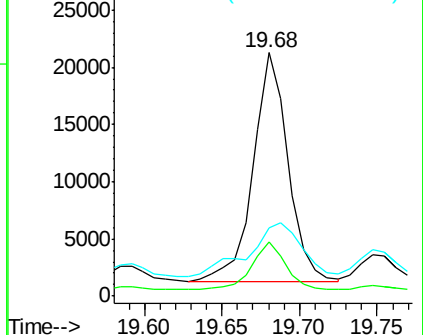
203 34.9 13.8 20.8#

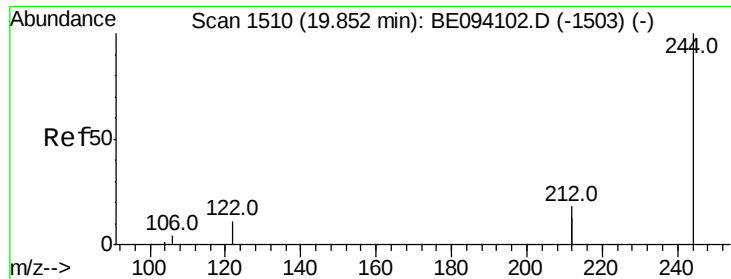


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 85.632 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

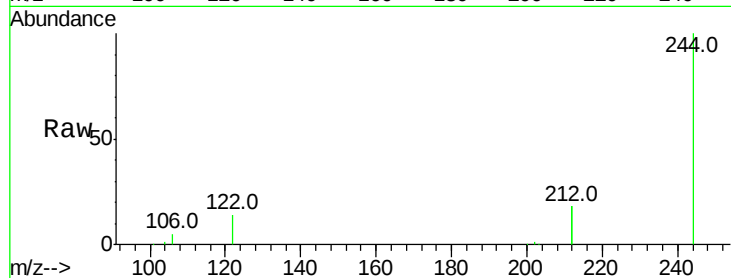
Tot Ion:244 Resp: 1337646

Ion Ratio Lower Upper

244 100

212 36.3 25.4 38.0

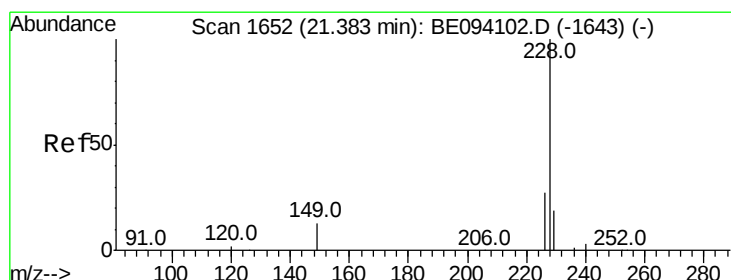
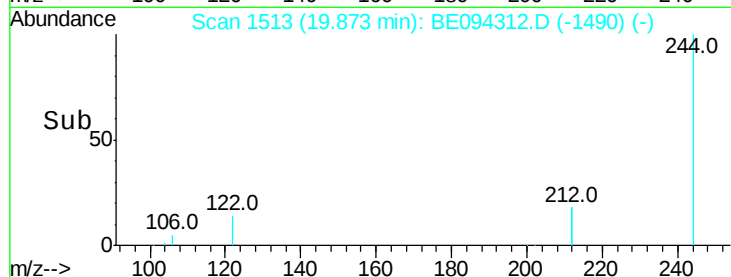
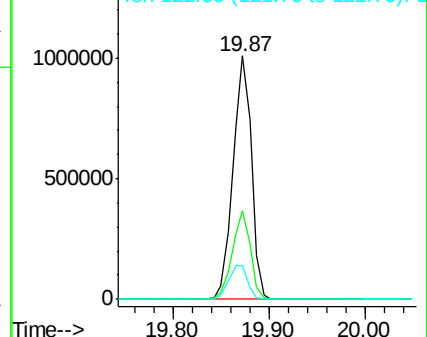
122 14.0 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.613 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

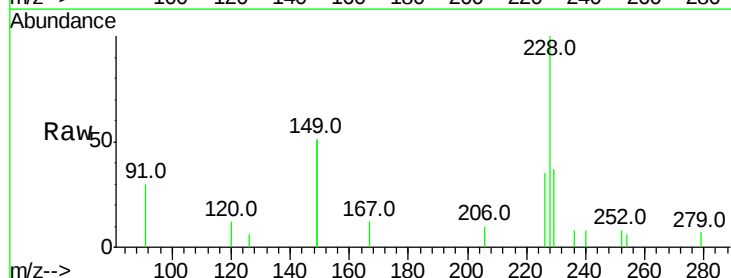
Tgt Ion:228 Resp: 16649

Ion Ratio Lower Upper

228 100

226 35.3 21.4 32.0#

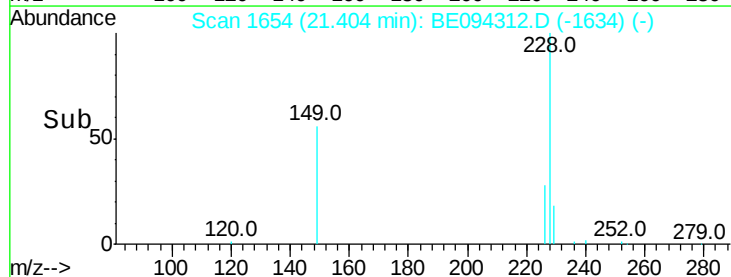
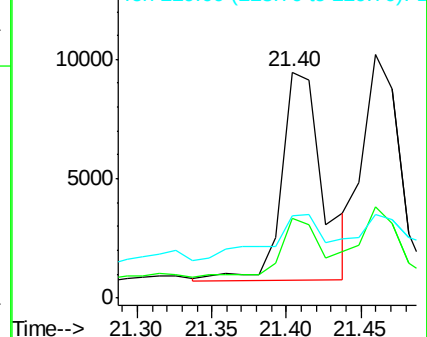
229 36.7 16.4 24.6#

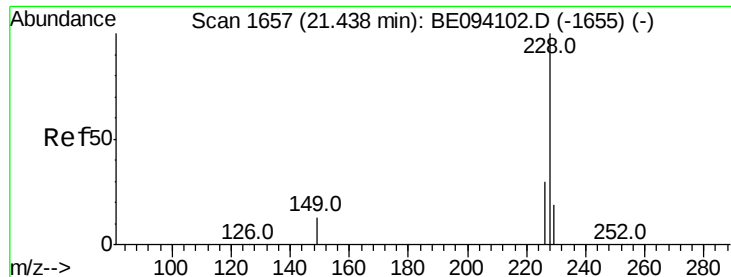


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.605 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampled :

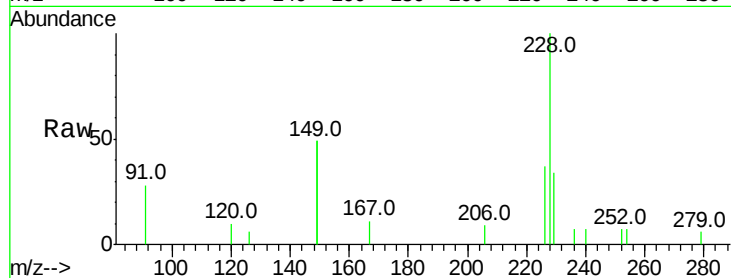
Tot Ion:228 Resp: 16219

Ion Ratio Lower Upper

228 100

226 37.4 23.6 35.4#

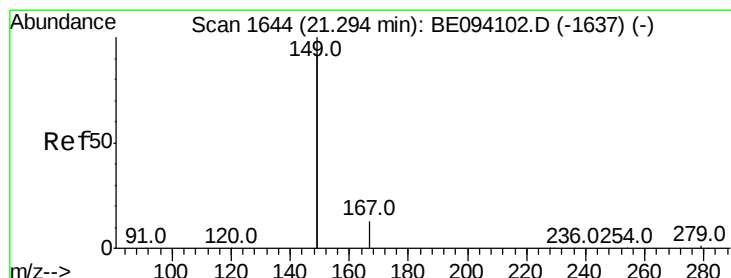
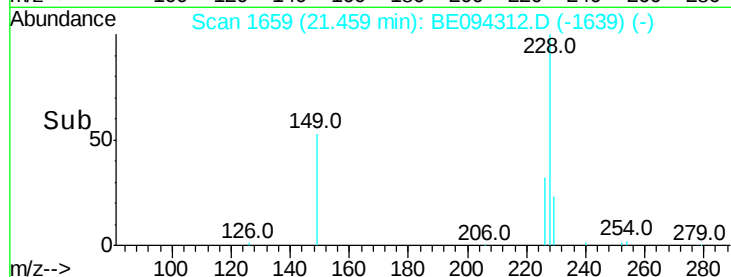
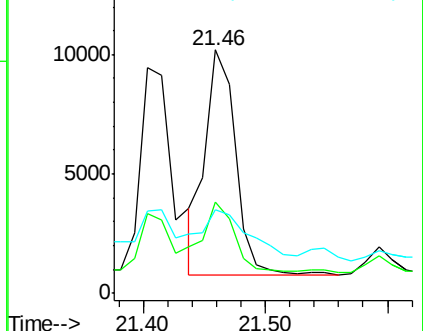
229 34.3 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.124 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

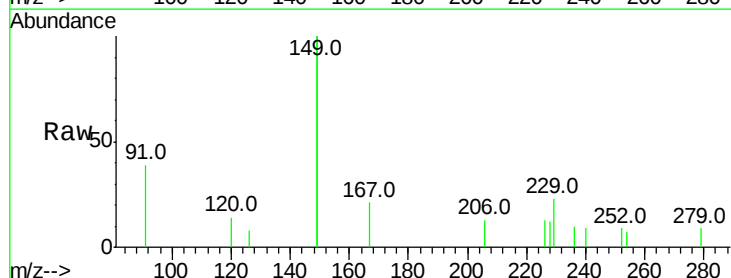
Tgt Ion:149 Resp: 7765

Ion Ratio Lower Upper

149 100

167 10.9 5.4 8.0#

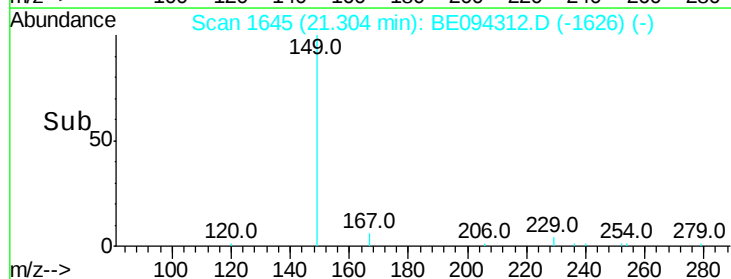
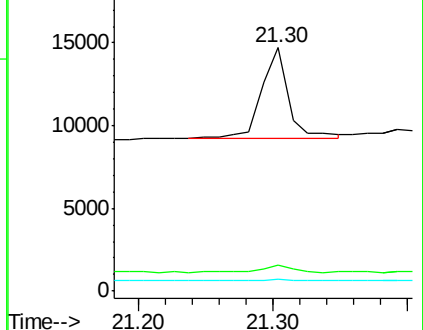
279 3.4 0.7 1.1#

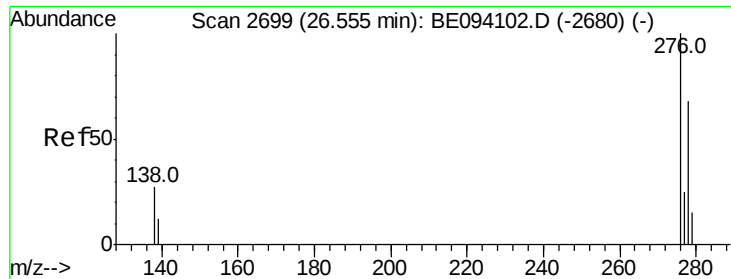


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.306 ng

RT: 26.64 min Scan# 2718

Delta R.T. 0.09 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

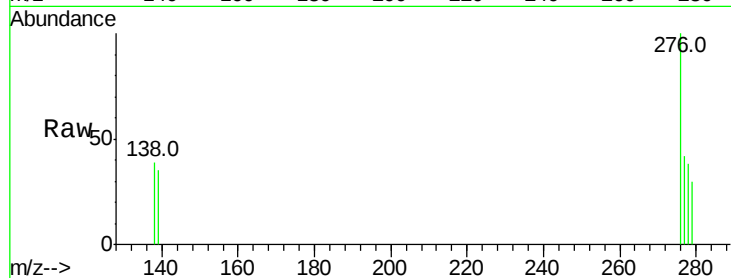
Tot Ion:276 Resp: 8157

Ion Ratio Lower Upper

276 100

138 22.7 22.5 33.7

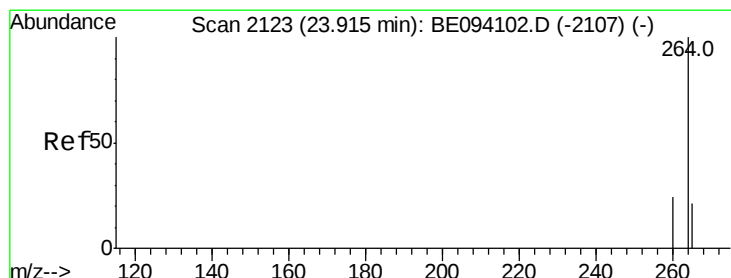
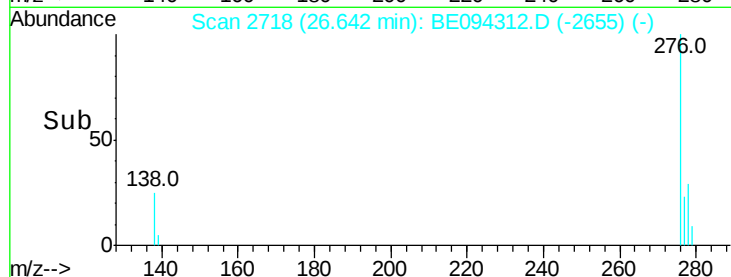
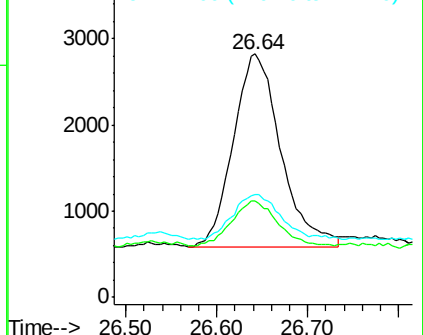
277 23.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2132

Delta R.T. 0.04 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

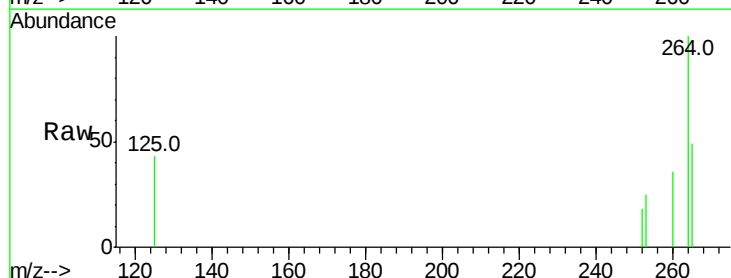
Tgt Ion:264 Resp: 8166

Ion Ratio Lower Upper

264 100

260 35.7 20.5 30.7#

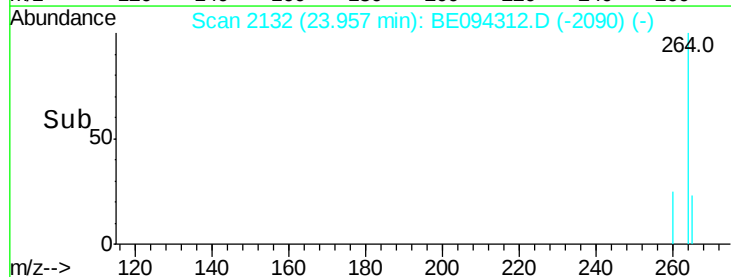
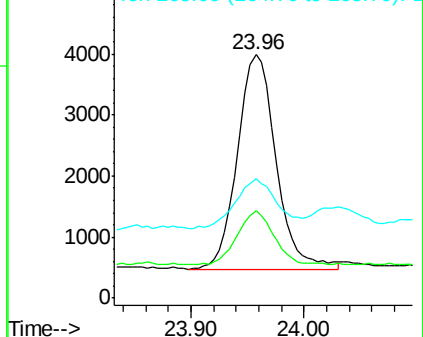
265 48.9 22.8 34.2#

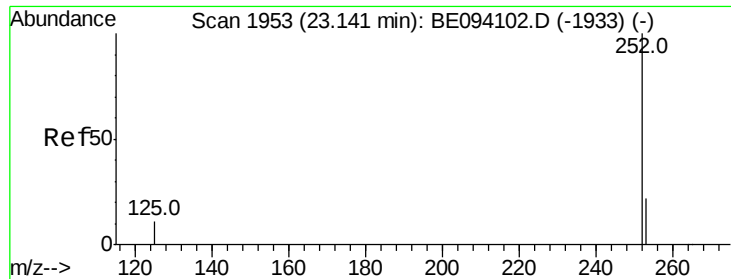


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.757 ng

RT: 23.18 min Scan# 1961

Delta R.T. 0.04 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

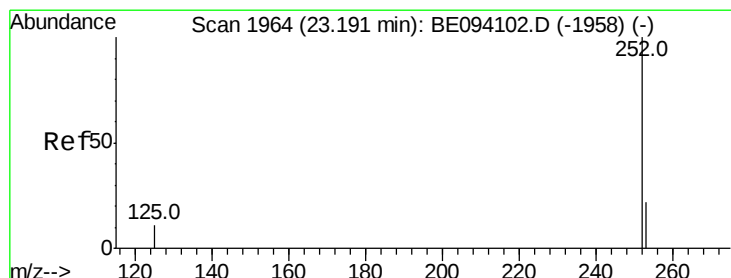
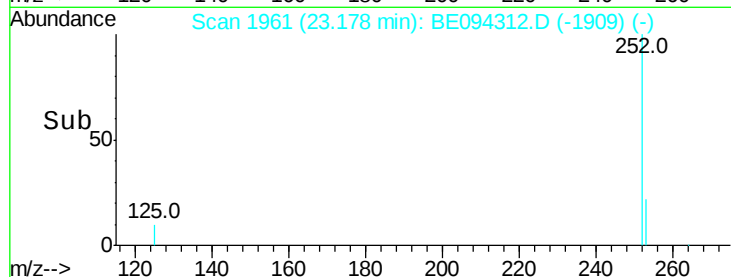
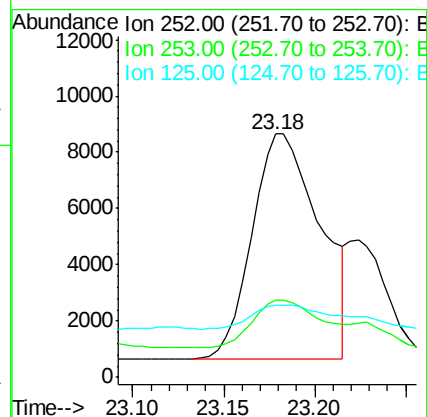
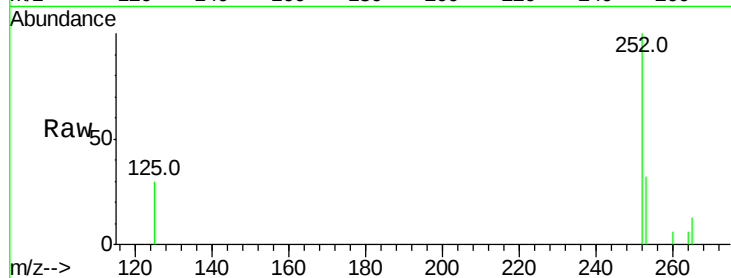
Tot Ion:252 Resp: 20798

Ion Ratio Lower Upper

252 100

253 31.9 18.2 27.2#

125 29.8 10.1 15.1#



#36

Benzo(k)fluoranthene

Concen: 0.745 ng

RT: 23.18 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

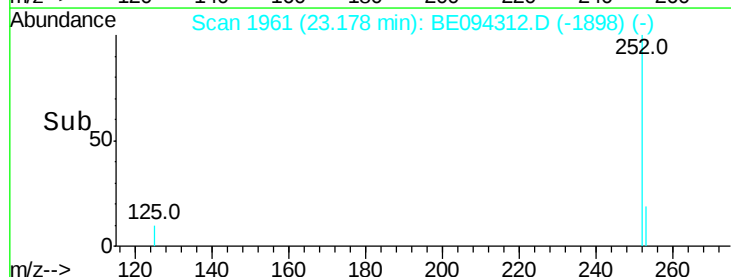
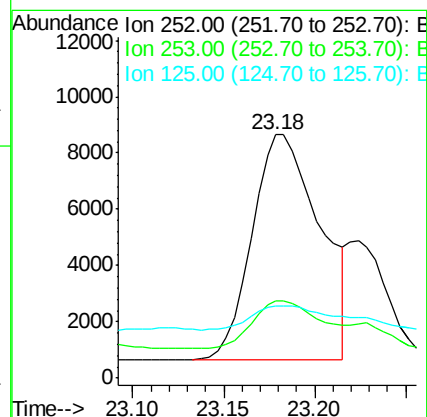
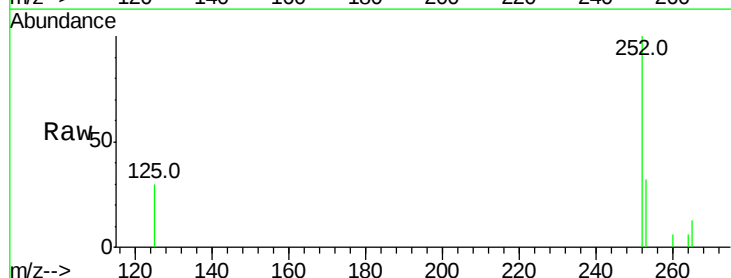
Tgt Ion:252 Resp: 20798

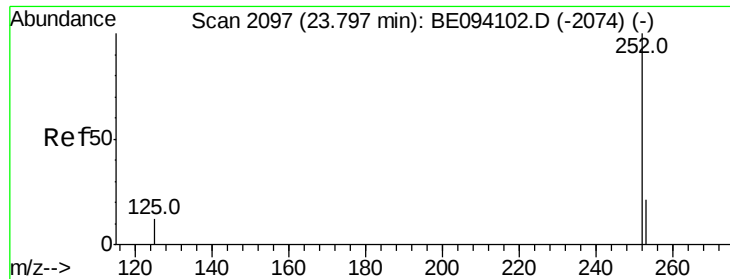
Ion Ratio Lower Upper

252 100

253 31.9 18.6 27.8#

125 29.8 10.7 16.1#





#37

Benzo(a)pyrene

Concen: 0.547 ng

RT: 23.84 min Scan# 2107

Delta R.T. 0.05 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

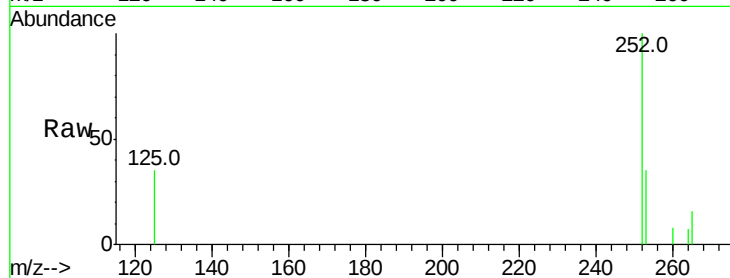
Tot Ion:252 Resp: 14206

Ion Ratio Lower Upper

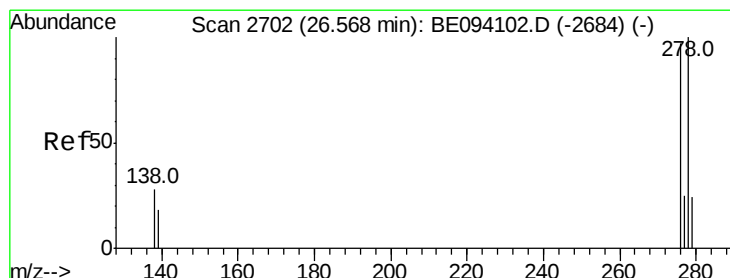
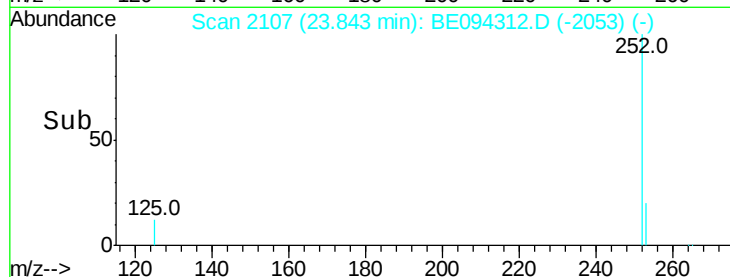
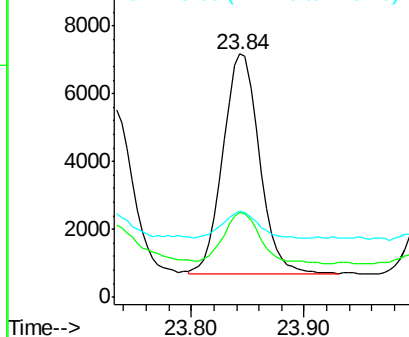
252 100

253 34.6 19.0 28.6#

125 35.1 11.8 17.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.089 ng

RT: 26.65 min Scan# 2719

Delta R.T. 0.08 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

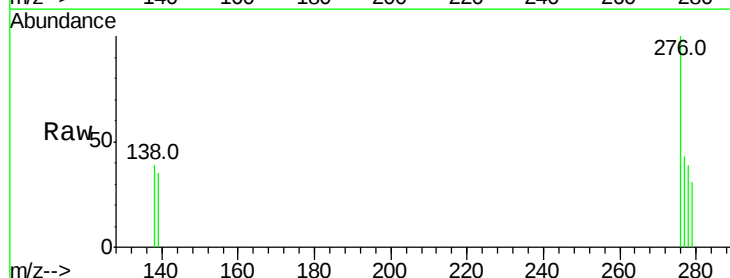
Tgt Ion:278 Resp: 2147

Ion Ratio Lower Upper

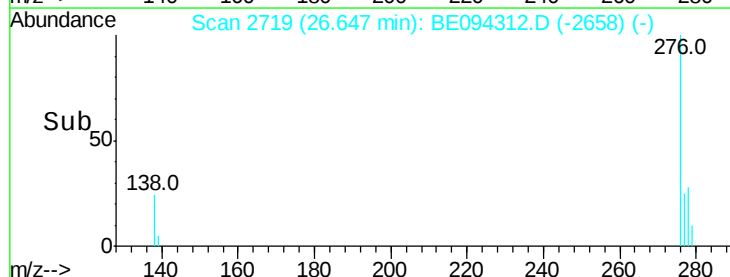
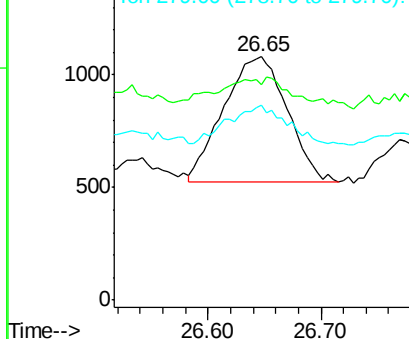
278 100

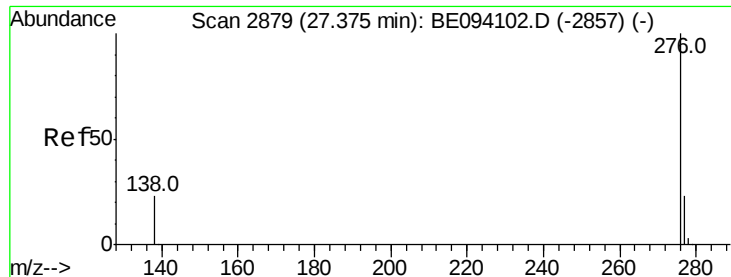
139 88.7 16.3 24.5#

279 80.1 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.311 ng

RT: 27.48 min Scan# 2902

Delta R.T. 0.11 min

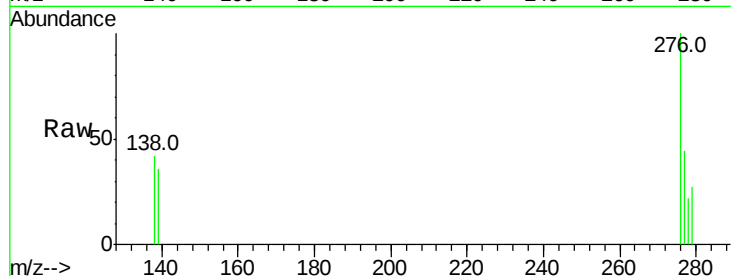
Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :



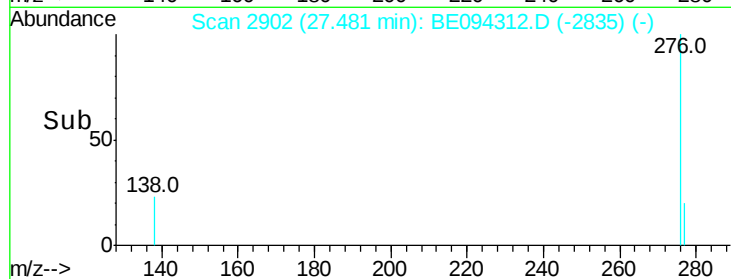
Tot Ion: 276 Resp: 7644

Ion Ratio Lower Upper

276 100

277 44.0 20.8 31.2#

138 42.1 21.5 32.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

